



What's New at the Alternative Fuels Data Center? May 2005

Listed below are new publications and other information made available in May through the U.S. Department of Energy's (DOE) Alternative Fuels Data Center (AFDC). The AFDC is sponsored by Clean Cities in the Office of Energy Efficiency and Renewable Energy (EERE), and is managed by the National Renewable Energy Laboratory (NREL). For more information, or if you would like to subscribe to this monthly update, contact Wendy Dafoe at wendy_dafoe@nrel.gov, 303-275-4470.

This update is posted on the Web at www.eere.energy.gov/cleancities/toolbox/current_cutting.html.

News

The following news story was recently posted on the Clean Cities Website (www.eere.energy.gov/cleancities/progs/afdc/more_news.cgi?cc/0):

- **Honda Commends Environmental Stewards at Clean Cities Conference**
Honda recently released a list of "environmental stewards" who attended the Clean Cities Conference. The people earned their way on the list by bringing their 2004 conference tote bag to this year's conference, thus saving on the resources used to manufacture new bags. www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?cc/WHATS_NEW/454/1/0

Publications

2004/2005 Federal Tax Deductions: Hybrid Electric Vehicles

This Clean Cities fact sheet summarizes federal and state hybrid electric vehicles (HEV) tax incentives and includes a table of 2005 available light-duty HEVs and has links to state-specific tax information.

www.eere.energy.gov/cleancities/hev/pdfs/37651.pdf

Low-Level Ethanol Fuel Blends

Since the Clean Cities portfolio expanded last year we've made more information available on fuel blends. This is a new Clean Cities fact sheet that explains how ethanol blends affect emissions and fuel performance, and discusses availability, costs, incentives, and regulations.

www.eere.energy.gov/cleancities/blends/pdfs/37135.pdf

Biodiesel Blends

This 2-page fact sheet also covers fuels blends with information on general biodiesel blends, engine performance and emissions, quality regulations, and incentives and credits. It's a good 2 page primer on blends.

www.eere.energy.gov/cleancities/blends/pdfs/37136.pdf

Biofuels Boost AFV Credits and Awareness in North Carolina

Here's another interesting and useful fact sheet in the success story series published by EPA. The state fleet in North Carolina is a leader in the use of E85 and biodiesel. This fact sheet is particularly interesting because it talks about "one man's vision". A quick read at 4 pages.

www.eere.energy.gov/afdc/pdfs/37133.pdf

Bold Policies Make Washington, D.C. an Alternative Fuel Leader

This EPA fact sheet details Washington, D.C.'s successful alternative fuels and vehicles program.

www.eere.energy.gov/afdc/pdfs/37407.pdf

Knoxville Area Transit: Propane Hybrid Electric Trolleys

This Advanced Vehicle Testing Activity (AVTA) fact sheet summarizes AVTA's evaluation of the Knoxville Area Transit's propane hybrid electric trolleys.

www.eere.energy.gov/cleancities/hev/pdfs/37346.pdf

New York City Transit Drives Hybrid Electric Buses Into the Future

This AVTA fact sheet summarizes the status of AVTA's evaluation of the New York City Transit's hybrid electric bus fleet.

www.eere.energy.gov/cleancities/hev/pdfs/36801.pdf

Evaluating the Safety of a Natural Gas Home Refueling Appliance (HRA)

This FreedomCAR and Vehicle Technologies Program fact sheet summarizes NREL's safety evaluation of Phill, Fuelmaker Corporation's natural gas home refueling appliance.

www.eere.energy.gov/afdc/pdfs/37333.pdf

Natural Gas Transit Users Group: Assisting Transit Agencies with Natural Gas Bus Technologies

This FreedomCAR and Vehicle Technologies Program fact sheet summarizes DOE's Natural Gas Transit Users Group, which provides assistance to transit agencies that have or are considering natural gas vehicles.

www.eere.energy.gov/afdc/pdfs/37921.pdf

Economic, Security, and Environmental Impacts of Alternative Fuel and Automotive Technologies: An Analysis of Community Costs and Benefits America's Achilles Heel, The Hidden Costs of Imported Oil: A Strategy for Energy Independence

The National Defense Council Foundation has prepared two reports on the costs of U.S. reliance on imported petroleum, and the benefits at the local level of using alternative fuels. The reports are available from The National Defense Council Foundation at ndcf@erols.com or (703) 836-3443.

Cleaning Up Diesel Pollution in New England: A Background Report for Policymakers and Advocates

This report by Environment Northeast provides basic information about the risks of diesel pollution in New England and solutions at the state and local level.

<http://www.asthmaregionalcouncil.org/about/documents/CleaningupDieselPollutioninNewEngland1.pdf>

FY 2004 Progress Report for the DOE Hydrogen Program

Produced by the Hydrogen, Fuel Cells, and Infrastructure Technologies Program, this report summarizes the hydrogen and fuel cell R&D activities and accomplishments of FY 2004.

www.eere.energy.gov/hydrogenandfuelcells/annual_report04.html

Emergency Response Quick Reference: Honda Alternative Fuel Vehicles and All 2000-2005 Honda and Acura Vehicles

www.serviceexpress.honda.com/rjanisis/pubs/CI/AXX28936.pdf

Honda Emergency Response Guide For Hybrid Vehicles

www.serviceexpress.honda.com/rjanisis/pubs/CI/AXX28935.pdf

Newsletters/Magazines

The **National Ethanol Vehicle Coalition** (NEVC) distributes FYI, a **bi-monthly electronic newsletter** that includes information regarding new E85 fueling locations, flexible-fuel vehicles, legislative information, and more. NEVC is the nation's primary advocacy group dedicated to the use of E85 as an alternative, clean-burning transportation fuel. Read the latest newsletter at <http://www.e85fuel.com/whatsnew/newsrel.php>. Subscribe at www.e85fuel.com.

Consensus is a **weekly newsletter** detailing current developments and events surrounding energy resources for transportation. Consensus advocates the balanced use of energy resources and technologies for transportation in North America through hydrogen, natural gas, diesel, gasoline, ethanol, biodiesel, and hybrid options. Check out the latest news and sign up to receive the newsletter at www.consensus.org/news.html.

EERE produces **National Idling Reduction Network News**, which brings together trucking and transit companies; railroads; equipment manufacturers; local, state, and federal government agencies (including regulators); and national research laboratories to identify consistent, workable solutions to heavy vehicle idling for the entire United States. Check it out at www.eere.energy.gov/vehiclesandfuels/resources/fcvt_national_idling.shtml.

Advanced Fleet Magazine, a new magazine from RP Publishing, the publishers of Natural Gas Fuels, debuts in July. The quarterly magazine will provide practical information for fleet managers and organizational decision makers who have an interest in advanced vehicles and transportation technologies. To subscribe, visit www.rppublishing.com/aforder.html.

Other Resources

Clean Cities has partnered with **MotorWeek** to produce a series of show segments titled **Energy Smart Fuels & Vehicles 2005**. A DVD of the segments is available in limited supply through the AFDC. E-mail hotline@nrel.gov to request a copy.

AFVI plans to post **presentations** from the **Clean Cities Conference** on its website, www.afvi.org/palmsprings/, in the coming months.